



# **Ms. YOSRA LAMAMI (CV)**

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## **Personal Profile:**

I am a hard worker person who is highly motivated with excellent personal and technical skills, and I have skills to make a positive influence to any workplace [confident, creative, flexible, adaptive, and fair]. I have over 19 years of work experience in the field of Medical Research. During these years, I have established a considerable experience and knowledge in Genetic engineering, Cell Biology, Molecular Biology, Hematology, Histopathology and Oncology research.

## **Education:**

- MSc in Genetics and Bioengineering. Kastamonu University, Kastamonu, Turkey (2017). Excellent.
- B.S. Zoology. Faculty of Science, Tripoli University, Tripoli, Libya (2005). Excellent.

## **Current Position:**

Head of Histopathology unit, Cell and Tissue Culture Department at Libyan Biotechnology Research Center, Tripoli/ Libya.

## **Professional Experience:**

- Assistant Professor at Cell and Tissue Culture Department, Libyan Biotechnology Research Center, Tripoli, Libya (2008- Present).
- Researcher at Microbiology Department, Libyan Biotechnology Research Center, Tripoli, Libya (2007- 2008).
- Central laboratory and Blood Bank, Tripoli Central Hospital, Tripoli, Libya. 2005- 2006.
- Aloomahia Company for Medical Diagnostic (Exclusive Agent for Bioscientia Laboratories, Germany) Tripoli, Libya. 2007- Present.
- Alfawz Training Center, Tripoli, Libya. 2019 - Present.
- Member of The Bioethics Committee at Libyan Biotechnology Research Center (2020-present).
- Member of the Libyan panel for sensory analysis of olive oil (2024- Present).

## **Teaching Experience:**

- Faculty of Biotechnology, AlJffara University, Tripoli, Libya (2020).  
[Stem Cell Technologies course].
- Institute of Multiple Skills for Medical Sciences, Tripoli, Libya (2018-2019).  
[General Biology/ Anatomy/ Communication Skills] courses.
- Faculty of Medicine, Istanbul University, Istanbul, Turkey (2017-2018).  
[Cancer Molecular Biology/ Clinical Immunology] courses.

## **Research Interests:**

- Genetics, Oncology, Bioengineering, Pharmacology, Biochemistry, Cancer Molecular Biology, Histopathology, Cellular Immunology, Clinical Hematology, Cancer Immunology, Clinical Microbiology, Biotechnology, Communication Skills, Bioinformatics.

## **Skills:**

### **- Languages:**

- English Language, very good in speaking, reading, writing.
- Arabic Language, Mother Tong, in excellent command of formal dialect.

### **- IT command:**

Microsoft Office {Word, Excel, Power point}, Internet, social media applications.

### **- Technical Skills:**

Blood banks, Polymerase Chain Reaction, Blood Analysis, Karyotyping, Flow cytometric Analysis, Cell culture Techniques, ELISA, and H & E staining, Immunohistochemistry and Western blotting.

### **Other Skills:**

- Presentation and communication skills.
- Leadership and time management.
- Event planner [workshops, conferences, scientific days].
- Ability to work independently and in a team.
- Easily adapt in any situation.
- Strong decision maker.
- Creative and innovative.
- Marketing and selling skills.

### **Volunteer Experience:**

- Breast Cancer Awareness (2019).
- Cervical Cancer Awareness (2020).
- Colorectal Cancer Awareness (2020).

## **Memberships:**

- Libyan panel for sensory analysis of olive oil.
- Libyan Union against Cancer.
- The International Clinical Cytometry Society.
- Tunisian Society for Microbiology.
- Libyan Biological Society.
- Bioethics committee at BTRC.
- Advisory committee at BTRC.
- Molecular Diagnostic Unit at BTRC.

## **Conferences Presentations:**

1. Immunophenotypic sub-typing of leukemic cells from Libyan children with acute lymphoblastic leukemia. Elbanani AS, Lamami YM, Abulayha AM, Tabal, SA, Elbasir MA. The Fifth National Conference for Biotechnology. 21-23 March 2009 Sabratha, Libya.
2. Flow cytometric analysis of cell surface and intracellular antigens in the diagnosis of acute myeloid leukemia in Libyan children. Elbasir MA, Elbanani AS, Lamami YM, Abulayha AM, Tabal, SA. The Fifth National Conference for Biotechnology. 21-23 March 2009 Sabratha, Libya.
3. The use of a single platform technology for enumeration of CD4 and CD8 in Libyan healthy individuals and HIV-positive patients. Lamami YM, Abulayha AM, Tabal, SA, Elbasir MA, Elbanani AS, Aghil LB, Alshauesh AM, Bredan AS. The Fifth National Conference for Biotechnology. 21-23 March 2009, Sabratha, Libya.
4. The use of a single platform technology for enumeration of CD4 and CD8 in Libyan healthy individuals and HIV- positive patients. Lamami YM, Abulayha AM, Tabal, SA, Elbasir MA, Elbanani AS, Aghil LB, Alshauesh AM, Bredan AS. Second advanced summer school in Africa (molecular mechanisms of viral infection and propagation). 6-14 March 2010, Cape Town, South Africa.

5. Peripheral Blood B-cells Depletion in Libyan Non-Hodgkin Lymphoma (NHL) Patients Following Rituximab Treatment. Elshawesh EI, Tabal, SA, Abulayha AM, Elbasir MA, Elbanani AS, Lamami YM. The scientific day around tumors diagnosis and treatment by using the advanced biotechnology. 18 October 2010, Sabratha, Libya.
6. Synergistic effect of Rituximab and Hydroxyurea in Burkitt lymphoma cell lines via caspase-independent cell death. Abdulmunem M. Abulayha, Mohamed M. Deyab, Abdulrhman S. Elbanani, Salah A. Tabal, Hajer M. Gerianim and Yosra M. Lamami. The 5th Annual world cancer congress, 18-20 May 2012, Beijing, China.
7. Flow cytometric analysis of cell surface and intracellular antigens in the diagnosis of acute lymphoblastic leukemia. Abdulrhman Elbnnani, Mohamed Elbasir, Salah Altbal, Yosra Lamami, Hakema M. Oshah, Rasem Alagnef , Amin Bredan, Abdulmunem M. Abulayha. 1st Malaysian Proteomics Conference (MPC), 26th- 27th September 2012, Eastin Hotel, Penang, Malaysia.
8. Caspase-dependent and independent killing pathways following treatment of lymphoma cells by Rituximab with either Hydroxyurea or Vinblastine. Abdulmunem M. Abulayha, Mohamed M. Deyab, Abdulrhman S. Elbanani, Salah A. Tabal, Hajer M. Gerianim and Yosra M. Lamami. The Sixth National Conference for Biotechnology, 21-23 April 2013, Musrata, Libya.
9. Investigation of PD-1 Gene Polymorphism (PD-1.5 C/T) in Turkish Patients with Colorectal Cancer. Yosra Lamami, Roya Mesediyeva, Soykan Arıkan, Hilal Fındık, İlhan Yaylım, Cihat Tatar, Ali Emre Naycı, Bayram Kiran. VI. International Congress of Molecular Medicine, 22-25 May 2017, Istanbul, Turkey.
10. Investigation of PD-1 Gene Polymorphism (PD-1.5 C/T) in Turkish Patients with Gastric Cancer. Bayram Kiran, Şeyda Ercan, Soykan Arıkan, Dilara Sönmez, Ebru Nur Ay, Yosra Lamami, Hilal Fındık, Mehmet Tolgahan Hakan, Yemliha Yıldız, İlhan Yaylım. International Biochemical Congress – 2017/28th National Biochemistry Congress 19 -23 September 2017, Ataturk University, Erzurum, Turkey. PP3-56.
11. Investigation of PD-1 Gene Polymorphism (PD-1.5 C/T) in Turkish Patients with laryngeal Cancer. Bayram Kiran, Şeyda Ercan, Yosra Lamami, Dilara Sönmez, Mehmet

Tolgahan Hakan, Ayşegül Verim, İlhan Yaylım. XV. National Congress of Medical Biology and Genetics, 26-29 October 2017, Fethiye, Turkey. PP-198.

12. Distribution of PD-1.5 gene variants in patients with bladder cancer. Levent Verim, Dilara Sönmez, Mustafa Kadihasanoğlu, Şeyda Ercan, Özlem Küçük Hüseyin, M.Tolgahan Hakan, Yosra Lamami, Bayram Kiran, İlhan Yaylım. 13th Urooncology congress, 8-12 November 2017, Antalya, Turkey. PP062.

13. The importance of PDL1-PD1 genetic variants in the risk of colorectal cancer. Sonmez D, Ercan S, Arikan S, Lamami Y, Hakan MT, Kucukhuseyin O, Karakus O, Kiran B, Yaylim I. 2nd Global Cancer Meet and Expo, 27-29 August 2018, Rome, Italy.

14. Effect of Honey and Olive Oil on Total Blood Cholesterol Level in the Healthy Individuals. Alemam H, Abugeela M, Lamami Y, Bashein A. Third Medical Research Conference, 11-12 November 2018, Tripoli, Libya.

15. Yosra Lamami, Mawada Jallul, Samira Aldwegin, Mohamed Milad, Abdulbaset Abozvida, Ahmed Zaghdani. Prevalence of vaginal infection and candidiasis among pregnant and non-pregnant women in Libya. (Accepted as an oral presentation), The Seventh conference for biotechnology, 24-25/2/2024, Tripoli, Libya.

16. Somya Alkafi, Inas Alhudiri, Yosra Lamami, Fawzi Ebrahim, Salah Tabal, Adam Elzagheid. Investigation of humoral immune response to SARS-COV-2 following infection and after vaccination in chronic haemodialysis patients in Tripoli, Libya. (Accepted as an oral presentation), The Seventh conference for biotechnology, 24-25/2/2024, Tripoli, Libya.

17. Safa Alshen, Inas Alhudiri, Yosra Lamami, Fawzi Ebrahim, Salah Tabal, Adam Elzagheid. Investigation of humoral immune response for SARS-COV-2 in cancer patients. (Accepted as an oral presentation), The Seventh conference for biotechnology, 24-25/2/2024, Tripoli, Libya.

18. Samira Aldwegin, Ellafi Elbahri, Mohamed Milad, Sedigh Bshir, Adel Mabrouk, Mohamed Bream, Yosra Lamami, Fawzi Ebrahim. Economic, Simple Protocol

for Amniotic Membrane Graft Preparation. (Accepted as an oral presentation), The Seventh conference for biotechnology, 24-25/2/2024, Tripoli, Libya.

### **Publications:**

1. Kemal Kayar, Levent Verim, Dilara Sonmez, Mustafa Kadihasanoglu, Seyda Demirkol, Ozlem Kucukhuseyin, Mehmet Tolgahan Hakan, Yosra Lamami, Bayram Kiran, Ilhan Yaylim. Distribution of PD-1.5 Gene Variant (rs2227981): A Possible Approach for Risk Assessment in Bladder Cancer. *Archivos Españoles de Urología*. 2026, 79 (2): 233-240.

<https://doi.org/10.56434/j.arch.esp.urol.20267902.28>

2. Eman Eshawesh, Salah Altabal, Mohamed Elbasir, Abdulrhman S Elbnnani, Yosra Lamami, Abdulmunem M. Abulayha. Evaluation of CD20-Positive B Cells in Libyan Lymphoma Patients Following Rituximab Treatment. *Asian Pacific Journal of Cancer Prevention*. Vol 26, 4029-4034. Doi:10.31557/APJCP.2025.26.11.4029

3. Suleiman Abusrewil, Mostafa Gawass, Inas Alhudiri, Marwan Sherif, Fawzi Ebrahim, Ali Amgadmi, Yosra Lamami, Salah Tabal, Musa O. Busarira, Hussain Asherkaci, Lubna Almaghur, Samira Al Dwigen, Mohamed Milad, Fatma Faraj Alhoty, Fatimah Aboutiheer, Zaynab Algharyani, Mirfat Albasheer, Hana Elghoul, Shaima Abuzaid, Khoulod Tawel, Weam Ben Hamza, Adam Elzagheid. Seroprevalence of Bordetella pertussis antibodies in Libyan pregnant women at the time of delivery. *Vaccine: X* 25 (2025) 100695

<https://doi.org/10.1016/j.jvacx.2025.100695>

4. Yosra Lamami, Abdulmunem M. Abulayha, Salah Altabala, Mohamed Elbasira, Abdulrhman S. Elbnnania, Laila Aghil, Fawzi Ebrahim, Adam Elzagheida. Absolute CD4 count and percentage values among Libyan patients with HIV by single- platform flow cytometry. *Lab Med*. 2024 Jun 21: Imae046. Doi: 10. 1093/labmed/ima046.

5. Abdulrhman S. Elbnnania, Mohamed Elbasira, Salah Altabala, Yosra Lamamia, Fawzi Ebrahima, Hakema M. Oshahb, Rasem Alagnefc, Adam Elzagheid and Abdulmunem M. Abulayha. Flow cytometric detection of leukemic blasts in Libyan pediatric patients with acute lymphoblastic leukemia. *Libyan Journal of Medicine*. 2024 Dec 31; 19(1): 2319895. Doi: 10.1080/19932820.2024.2319895. Epub 2024 Feb 23.

6. Fawzi Ebrahim, Asma Alboueishi, Inas M. Alhudiri, Salah Al Tabal, Yosra Lamami, Samira Al Dwigen, Sondos Ashleb, Noha Ejenfawi, Mohamed B. Milad, Hayat Rhoumah, Salah Edin El Meshri, Adam Elzagheid. Single ChAdOx1 nCoV-19 dose elicits stronger immune response in previously infected individuals than in SARS-CoV2 naive persons. *Immun Inflamm Dis.* 2024 Jan; 12(1): e1159. Published online 2024 Jan 19. Doi: 10.1002/iid3.1159

7. Fawzi Ebrahim, Salah Tabal, Yosra Lamami, Inas M. Alhudiri, Salah Edin El Meshri, Samira Al Dwigen, Ramadan Arfa, Asma Alboeshi, Hafsa A. Alemam, Fauzia Abuhtna, Rabeeah Altrhouni, Mohamed B. Milad, Nada A. Elgriw, Mahmoud A. Ruaua, Zakarya Abusrewil, Warda Harroush, Mwada Jallul, Fouziyah S. Ali, Farag Eltaib & Adam Elzagheid. (2022). Anti-SARS-CoV-2 IgG Antibodies Post-COVID-19 or Post-Vaccination in Libyan Population: Comparison of Four Vaccines. *Vaccines*, 10(12), 2022;

<https://doi.org/10.3390/vaccines10122002>.

8. Esam Alshareef, Fawzi Ebrahim, Yosra Lamami, Mohamed Milad, Mohamed Eswani, Bashir Sedigh, Abdalla Bshina, Salah A.M., Jakdoum Anas, Abourqeeqah Asharaf, Elbasir Mohamed O, Elbahrit Ellafi A. (2022). Knee osteoarthritis severity grading using vision transfer. *Journal of Intelligent & Fuzzy Systems*, 43(6), pp 8303-8313. Doi: 10.3233/JIFS-220516

9. Asmaa Alboueishi, Yosra Lamami, Huda Aldeeb, Mohammed Dali, Fawzi Omar. (2021). Correlation between glycated hemoglobin HbA1c and serum lipid profile in patients with type 2 diabetes. *Libyan J Med Res*, 15(2): 14-18. eISSN: 2413-6096.

10. Samira Eldwegen, Warda Harroush, Noha Alijenfawi, Adam Elzagheid, Mahmoud Ruaua, Fawzi Ebrahim, Mohammed Dali, Abdulmunam Fellah, Yosra Lamami (2021). Effect of Vitamin D on Lipid Profile among Population in Tripoli City. *International Journal of Multidisciplinary Sciences and Advanced Technology*, Special Issue 1: 615-621.

11. Hafsa Alemam, Mustafa Abugeela, Yosra Lamami, Eman Gusbi, Nabil Enattah and Abdullah Bashein (2018). Effect of Honey and Olive Oil on Total Blood Cholesterol Level in the Healthy Individuals. *Tripolitana Medical Journal*; 7(2), pp 25-28. ISSN 2077-5628.

12. Yosra Lamami, Roya Mesediyeva, Soykan Arıkan, Şeyda Ercan , Hilal Fındık Kıyan, Cihat Tatar, Ali Emre Naycı, Ammad Farooqi, İlhan Yaylım, Bayram Kıran. (2018). Preliminary report: one of the PD-1 gene variants may be a valuable marker for colorectal cancer. *Arch Med Sci Civil Dis*; 3: e34-e40.

Doi: <https://doi.org/10.5114/amscd.2018.75533>.

13. Bayram Kıran, Şeyda Ercan , Soykan Arıkan, Dilara Sönmez, Ebru Nur Ay, Yosra Lamami, Hilal Fındık, Mehmet Tolgahan Hakan, Yemliha Yıldız, İlhan Yaylım. Investigation of PD-1 Gene Polymorphism (PD-1.5 C/T) in Turkish Patients with Gastric Cancer. *Turkish Journal of Biochemistry*, 2017; 42(S1). <http://www.TurkJBiochem.com>.

14. Yosra Lamami, Roya Mesediyeva, Soykan Arıkan, Hilal Fındık, İlhan Yaylım, Cihat Tatar, Ali Emre Naycı, Bayram Kıran. (2017). Investigation of PD-1 Gene Polymorphism (PD-1.5 C/T) in Turkish Patients with Colorectal Cancer. *Turkish Journal of Molecular Biology and Biotechnology*, 2(1), Supplement 1, p150, Abstract no: PP-169.

15. Deyab M, Elbanani A, Tabal S, Geriani H, Lamami Y, Bredan A, and Abulayha A. (2014). Rituximab Synergizes with Hydroxyurea or Vincristine in the Killing of Ramos Burkitt's Lymphoma B cell Line. *Cancer Biotherapy & Radiopharmaceuticals*, 29 (2): 87-90. Doi: 10.1089/cbr.2013.1557.

16. Egrouda M, Marwan M, Jornaz N, Lamami Y. (2013). The Incidence of Hemoglobin S in Taourga Region, Libya. *Journal of Sebha University (Pure and Applied Sciences)*, 12(1), pp21-27.

17. Abulayha AM, Tabal, SA, Shawesh EI, Elbasir MA, Elbanani AS, Lamami YM, Bredan A. (2010). Depletion of peripheral blood B cells with Rituximab and phenotype characterization of the recovering population in a patient with follicular lymphoma. *Leuk Res*, 34:307-311.

### **Conferences & Workshops attended:**

1. Infectious & Endemic Diseases Scientific Conference. 4-7 May 2007 Tripoli- Libya.

2. The First Conference on "Arab Women in Science and Technology: Empowerment for the Development of the Arab Word" 28-30 September 2009 Dubai, United Arab Emirates.
3. Workshop: "The Recent Bio-techniques and their roles in diagnosis and treatment of the intractable diseases that infect the human". 11-12 October 2009 Tripoli- Libya.
4. Workshop: "Development of team work competences at research and scientific Institutes". 21-23 December 2009 Tripoli- Libya.
5. Workshop: Genetically Modified Organisms and Food Additives. 24-25 May 2010 Tripoli- Libya.
6. Workshop: [Culture of innovation]. 17-18 January 2011 Tripoli- Libya.
7. Work shop to establish the Libyan Cancer Genomic Research Program (CGRP) at Biotechnology Research Center BTRC, 07 July 2013, Lecture Hall of BTRC Tripoli, Libya.
8. Workshop on "Application of Bioinformatics in Modern Molecular Biology", 21-25 October 2013 New Delhi, India.
9. The 2nd Libyan Conference on Medical and Pharmaceutical sciences. 28th April 2018, University of Tripoli Alahlia, Tripoli, Libya.
10. Workshop on "Breast Cancer". 28th October 2018, University of Tripoli, Tripoli, Libya.
11. Proposal of Libyan Eco-Schools. 4th November 2018, University of Tripoli, Tripoli, Libya.
12. Workshop on "Breast Cancer". 22-23 September 2019, Razi hospital, Tripoli, Libya.
13. The 3rd Libyan Conference on Medical and Pharmaceutical sciences. 28th September 2019, University of Tripoli Alahlia, Tripoli, Libya.
14. Workshop on "Ionizing radiation, Applications and Prevention". 18 November 2019, Radisson Blue Hotel, Tripoli, Libya.
15. Breast Cancer Research Conference. 13 -15 December 2019, Tripoli, Libya.

16. Workshops on state-of-the-art biomarker detection in Colorectal Cancer. 8-31 July 2024, Tripoli, Libya.

17. 5<sup>th</sup> workshop on harmonization of IOC recognized panels. 17-19 September 2024, Tripoli, Libya.

### **Training courses:**

1. Principles of PCR. 2009. Biotechnology Research Center, Tripoli, Libya.

2. Principles of academic writing. 10-12/1/10. Biotechnology Research Center, Tripoli, Libya.

3. The second advanced summer school on molecular mechanisms of viral infection and propagation. 6-14/03/2010. Cape Town, South Africa.

4. Advanced cell culture course. 02/05/2010- 30/05/2010. Biotechnology Research Center, Tripoli, Libya.

5. Karyotyping. 20/06/2010- 01/07/2010. Biotechnology Research Center, Tripoli, Libya.

6. Purification of legume viruses and production of polyclonal antibodies. 19- 27 January 2011, (ICARDA), Aleppo, Syria.

7. ICGEB-IUBMB Course “Non-Communicable Diseases in Developing Countries” October 15th - 19th 2012, Cape Town, South Africa.

8. Western Blotting Course. 5-6 November 2018, Faculty of Medicine, University of Tripoli, Tripoli, Libya.

9. Extraction of Medicinal Plants Course. 9-11 September 2019, Faculty of Medicine, University of Tripoli, Tripoli, Libya.

10. H & E staining course. 4-5 November 2019, Doors of Mercy lab, Tripoli, Libya.

11. SPSS course. 6-7 November 2019, Libyan Center for Biotechnology Research, Tripoli, Libya.

12. PCR technique. 2020-2024, Libyan Center for Biotechnology Research, Tripoli, Libya. (61 Training course).

13. Training of the Libyan panel for sensory analysis of virgin olive oil. 2023-2024, Libyan Center for Biotechnology Research. (3 Levels).

14. Training courses at ONSSA in Rabat, Morocco (5 May-6 June 2024):

1. Detection of Rabies virus (Lyssavirus Family) in warm- blooded animals.
  - a. Direct Immunofluorescence Assay (DIFA).
  - b. Mouse inoculation test.
2. Determination of veterinary drug residues in food by LCMSMS.
3. Control of veterinary drug by HPLC.

15. Training courses at INH in Rabat, Morocco (5 May-6 June 2024):

- I. Constitutional cytogenetic.
- II. Molecular biology techniques in diagnosis (PCR, RT-PCR & DNA Sequencing).
- III. Pathological Anatomy and Cytology in diagnosis (HPS staining & LBC).
- IV. The flow cytometers for diagnosis (Immunophenotyping for ALL, AML, CML, CLL, SLL & PNH).

**Organizing Training courses** at The Libyan Research Center for Biotechnology in some techniques as PCR, ELISA, Immunohistochemistry, Western Blotting, and Flow cytometry.

**Lab supervision** on postgraduate students at The Libyan Research Center for Biotechnology (Histopathology unit):

**1. Prognostic Value of immunohistochemical expression of Matrix metalloproteinase 25 (MMP25) protein in Libyan Patients with colorectal cancer.**

By: Nada Qarqab.

**2. Prognostic Values of Mismatch Repair Proteins (MLH1 & PMS2) Expression in Libyan Colorectal Cancer Patients.** By: Samira Aldwigen.

**3. Expression of Mismatch Repair (MSH2 & MSH6) proteins and its prognostic value in Libyan Colorectal cancer patients.** By: Mona Jouder.

**4. The expression of matrix metalloproteinase-7 (MMP-7) in Libyan patients with colorectal cancer.** By: Mohamed Alfaqeh.

**5. Prognostic and Predictive Roles of Kirsten Rat Sarcoma (KRAS) Mutation with Colorectal Cancer in Libyan Patients.** By: Abdulrahman Atya.

**6. The Prognostic Role of BRAF Expression in Libyan Colorectal Cancer Patients.** By: Tarek Dalyom.

For more information, please see the following links:

<https://www.researchgate.net/profile/Yosra-Lamami>

[https://pubmed.ncbi.nlm.nih.gov/?term=Lamami+Y&cauthor\\_id=38902933](https://pubmed.ncbi.nlm.nih.gov/?term=Lamami+Y&cauthor_id=38902933)